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(54) Title: KETONE PEROXIDE COMPOSITIONS

(57) Abstract: The invention pertains to a composition of a ketone peroxide comprising a) a peroxide derivative of the formula HOO-C(R₁)(R₂)-OOH wherein R₁ is a branched or unbranched alkyl group with 1 to 4 carbon atoms or alkenyl group with 2 to 4 carbon atoms; and R₂ is a branched or unbranched alkyl or alkenyl group with 5 to 12 carbon atoms; and b) a branched or unbranched hydrocarbon solvent; the peroxide derivative of a) having a solubility more than 40 g in 100 g of the solvent of b) at 20°C; and comprises less than 10 wt.% of a peroxide derivative of the formula HOO-C(R₁)(R₂)-OO-C(R₁)(R₂)-OOH, wherein R₁ and R₂ have the previously given meanings.